

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|------------------------------|------------------|---------|------------------|
| L1 | 1 | "4634583".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 14:06 |
| L2 | 15 | ("3887388" "4080219" "4236932" "4276272" "4298340" "4421563" "4469664").PN. OR ("4634583").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 14:06 |
| L3 | 2 | (6461153 5927967).pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 14:38 |
| L4 | 11 | ("3973980" "4229226" "4634583" "5169611" "5264013").PN. OR ("5927967").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 15:04 |
| L5 | 4 | ("4634583" "4715811" "5049198").PN. OR ("6461153").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 15:12 |
| L6 | 1398 | 432/14,72.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 15:16 |
| L7 | 323 | 6 and cement | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 15:17 |
| L8 | 121 | 7 and water | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 15:17 |
| L9 | 23 | 8 and ("so.sub.2" or (sulfur adj dioxide)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 15:17 |
| L10 | 3864 | 432/103-119.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 16:36 |
| L11 | 23 | 8 and ("so.sub.2" or (sulfur adj dioxide)) and cement and water | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 16:37 |
| L12 | 0 | 11 not 9 | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 16:37 |
| L13 | 141 | 432/66.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 16:38 |
| L14 | 0 | 13 and ("so.sub.2" or (sulfur adj dioxide)) and cement and water | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 16:38 |
| L15 | 37991 | "432".clas. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 16:38 |

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| L16 | 49 | 15 and ("so.sub.2" or (sulfur adj dioxide)) and cement and water | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 16:39 |
| L17 | 26 | 16 not 11 | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 16:39 |
| L18 | 1342 | 95/236,237,238,373,376,366.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 17:30 |
| L19 | 363 | 96/236,237,238,373,376,366.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 17:30 |
| L20 | 444 | 55/474,476.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 17:30 |
| L21 | 894 | 95/219,235.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 17:30 |
| L22 | 1624 | 423/242.1,243.01,243.08,244.01,244.07.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 17:30 |
| L23 | 268 | 106/751,761,762.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 17:30 |
| L46 | 4542 | 18 or 19 or 20 or 21 or 22 or 23 | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 18:20 |
| L47 | 0 | 46 and (kiln and bypass and fine\$2 and coarse\$2 and (dust\$2 or particl\$4) and ("so. sub.2" or (sulfur adj dioxide)) and (cao or (calcium adj oxide))).clm. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 18:22 |
| L48 | 0 | (kiln and bypass and fine\$2 and coarse\$2 and (dust\$2 or particl\$4) and ("so.sub.2" or (sulfur adj dioxide)) and (cao or (calcium adj oxide))).clm. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/03/01 18:22 |
| S1 | 417 | 96/236,237,238,373,376,366.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 12:45 |
| S2 | 489 | 55/474,476.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 12:45 |

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| S3 | 1063 | 95/219,235.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 12:46 |
| S4 | 2384 | 423/242.1,243.01,243.08,244.01,244.07. ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 12:46 |
| S5 | 4239 | S1 or S2 or S3 or S4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 12:46 |
| S6 | 279 | S5 and (cement or concrete) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 12:47 |
| S7 | 161 | S6 and (coarse\$2 or fine\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 12:47 |
| S8 | 62 | S7 and gypsum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 12:47 |
| S9 | 1 | "10537528" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 14:35 |

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| S10 | 12 | (cement near5 kiln) and (de\$2sulfur\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 15:10 |
| S11 | 668 | (cement near5 kiln) and sulfur | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 15:34 |
| S12 | 293 | (cement near5 kiln) and sulfur and gypsum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 15:34 |
| S13 | 48 | (cement near5 kiln) and (sulfur same exhaust) and gypsum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 15:35 |
| S14 | 3 | "10601167" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 15:41 |
| S15 | 181 | (cement adj kiln) and (sulfur near5 (dioxide or trioxide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 15:55 |
| S16 | 2 | "4716027".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 15:58 |

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| S17 | 2 | "4915914".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 15:58 |
| S18 | 4 | S17 or S16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/09 15:58 |
| S19 | 1 | "10537528" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 10:20 |
| S20 | 5 | "2004052801" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 10:30 |
| S21 | 18 | "4456485" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 10:30 |
| S22 | 3 | "4456485".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 10:30 |
| S23 | 328129 | cement | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 10:32 |

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| S24 | 1546 | S23 and ("55".clas. or "95".clas. or "96".clas.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 10:32 |
| S25 | 1243 | S24 and (dust or particles or paritice or particulate or particulates or fines or coarse) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 10:33 |
| S27 | 134 | ((sulfur adj dioxide) or ("so.sub.2")) and S25 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 10:33 |
| S28 | 20 | "4696804" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 11:12 |
| S29 | 2 | "4696804".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 11:12 |
| S30 | 287 | 106/751,761,762.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 13:03 |
| S32 | 31 | (("so.sub.2") or (sulfur adj dioxide)) and S30 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 13:04 |

EAST Search History (Prior Art)

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| S33 | 2143 | S31 and gypsum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 13:04 |
| S34 | 16 | S32 and gypsum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 13:04 |
| S35 | 4 | "10070931" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 13:07 |
| S36 | 2 | "5788944".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 13:10 |
| S37 | 3 | "4195062".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 13:28 |
| S38 | 2251 | 423/242.1,243.01,243.08,244.07,244.08. ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 15:30 |
| S39 | 155 | S38 and cement | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 15:30 |

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| S40 | 60 | S39 and gypsum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 15:30 |
| S41 | 52 | S40 and ((sulfur adj dioxide) or ("so.sub.2")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 15:31 |
| S42 | 3 | "4279873".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 16:03 |
| S43 | 50196 | "55".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 16:50 |
| S44 | 135571 | "423".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 16:50 |
| S45 | 3271 | S44 and cement | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 16:50 |
| S46 | 530 | S45 and gypsum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 16:50 |

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| S47 | 197 | S46 and ((sulfur adj dioxide) or ("so.sub.2")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 16:50 |
| S48 | 145 | S47 not S41 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/23 16:51 |
| S49 | 50205 | "55".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/24 14:57 |
| S50 | 322 | S49 and (dust same cyclone same velocity) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/24 14:58 |
| S51 | 45 | S49 and (dust same cyclone same (inlet near5 velocity)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/24 14:58 |
| S52 | 136 | dust same cyclone same ((adjustable or variable or chang\$3) near5 (velocity or speed)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/24 15:02 |
| S53 | 33 | S49 and S52 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/24 15:03 |

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| S54 | 1 | "10537528" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/08/24 16:30 |
| S55 | 26517 | "95".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/02/08 13:08 |
| S56 | 39943 | "96".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/02/08 13:08 |
| S57 | 50706 | "55".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/02/08 13:08 |
| S58 | 92779 | S55 or S56 or S57 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/02/08 13:08 |
| S59 | 1590 | S58 and cement | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/02/08 13:08 |
| S60 | 1 | "10537528" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/02/08 13:09 |

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| S61 | 5266644 | ((Ca(OH)S56) or (calcium adj hydroxide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/02/08 13:10 |
| S62 | 128 | "caoh.sub.2" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/02/08 13:10 |
| S63 | 12 | S59 and (calcium adj hydroxide) and (calcium adj oxide) and ((sulfur adj dioxide) or "so.sub.2") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/02/08 13:10 |
| S64 | 73 | (cement near5 kiln) and (calcium adj hydroxide) and (calcium adj oxide) and ((sulfur adj dioxide) or "so.sub.2") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/02/08 13:33 |
| S65 | 15 | ("3887388" "4080219" "4236932" "4276272" "4298340" "4421563" "4469664").PN. OR ("4634583").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/02/08 14:34 |
| S66 | 15 | S65 and cement | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/02/08 14:39 |
| S67 | 1 | ("6461153").URPN. | USPAT | OR | OFF | 2011/02/08 16:14 |
| S68 | 4 | ("4634583" "4715811" "5049198").PN. OR ("6461153").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/02/08 16:14 |
| S69 | 2426 | 423/242.1,243.01,243.08,244.07,539,555. ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/02/08 16:27 |
| S70 | 247 | S69 and (cement) | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/02/08 16:27 |
| S71 | 43 | S70 and ((sulfur adj dioxide) or "so.sub.2") and ((calcium adj oxide) or cao) and (calcium adj hydroxide) | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/02/08 16:28 |